

ABSTRACT OF THE DISCLOSURE

In ovo injection apparatus include an egg carrier configured to hold a plurality of eggs and to provide external access to the eggs, a plurality of injection devices positioned above the carrier, and an egg support assembly positioned beneath the carrier that is configured to support each egg in the carrier during contact therewith by a respective injection device. The egg support assembly includes a frame, a plate having an array of openings attached to the frame, and a plurality of pedestals removably secured within a respective one of the openings. The egg support assembly is operatively associated with the plurality of injection devices such that each pedestal moves upwardly through a respective opening in the carrier to support an egg as a respective injection device makes contact with the egg.